

Appendix table 4-6.

**Baccalaureate-origin institutions of 1991–95 science and engineering doctorate recipients,  
by Carnegie institution type**

Field of doctorate	Total known Carnegie	Research universities	Doctoral universities	Comprehensive colleges and universities	Liberal arts colleges	Specialized institutions
	<b>Number</b>					
<b>Science and engineering, total .....</b>	76,599	42,757	8,626	12,589	11,556	1,071
Engineering, total .....	11,900	8,786	1,390	911	489	324
Chemical .....	1,714	1,355	200	80	51	28
Civil .....	1,015	715	135	85	51	29
Electrical .....	3,450	2,599	380	259	124	88
Mechanical .....	1,845	1,377	227	145	40	56
Other engineering .....	3,876	2,740	448	342	223	123
Sciences, total .....	64,699	33,971	7,236	11,678	11,067	747
Physical sciences, total .....	11,015	5,373	1,280	2,082	2,089	191
Chemistry .....	6,676	2,634	849	1,564	1,532	97
Physics and astronomy .....	4,267	2,692	425	511	549	90
Other physical sciences .....	72	47	6	7	8	4
Earth, atmospheric, & ocean sciences ....	2,526	1,433	267	357	437	32
Mathematics .....	2,496	1,344	276	387	432	57
Computer sciences .....	2,190	1,303	266	328	231	62
Biological & agricultural sciences, total ...	19,865	11,558	1,893	3,184	3,092	138
Biological sciences .....	17,222	9,777	1,674	2,763	2,875	133
Agricultural sciences .....	2,643	1,781	219	421	217	5
Psychology .....	14,953	6,925	1,956	3,306	2,647	119
Social sciences .....	11,654	6,035	1,298	2,034	2,139	148
	<b>Percent</b>					
<b>Science and engineering, total .....</b>	100.0	55.8	11.3	16.4	15.1	1.4
Engineering, total .....	100.0	73.8	11.7	7.7	4.1	2.7
Chemical .....	100.0	79.1	11.7	4.7	3.0	1.6
Civil .....	100.0	70.4	13.3	8.4	5.0	2.9
Electrical .....	100.0	75.3	11.0	7.5	3.6	2.6
Mechanical .....	100.0	74.6	12.3	7.9	2.2	3.0
Other engineering .....	100.0	70.7	11.6	8.8	5.8	3.2
Sciences, total .....	100.0	52.5	11.2	18.0	17.1	1.2
Physical sciences, total .....	100.0	48.8	11.6	18.9	19.0	1.7
Chemistry .....	100.0	39.5	12.7	23.4	22.9	1.5
Physics and astronomy .....	100.0	63.1	10.0	12.0	12.9	2.1
Other physical sciences .....	100.0	65.3	8.3	9.7	11.1	5.6
Earth, atmospheric, & ocean sciences ....	100.0	56.7	10.6	14.1	17.3	1.3
Mathematics .....	100.0	53.8	11.1	15.5	17.3	2.3
Computer sciences .....	100.0	59.5	12.1	15.0	10.5	2.8
Biological & agricultural sciences, total ...	100.0	58.2	9.5	16.0	15.6	0.7
Biological sciences .....	100.0	56.8	9.7	16.0	16.7	0.8
Agricultural sciences .....	100.0	67.4	8.3	15.9	8.2	0.2
Psychology .....	100.0	46.3	13.1	22.1	17.7	0.8
Social sciences .....	100.0	51.8	11.1	17.5	18.4	1.3

SOURCE: National Science Foundation, Science Resources Studies Division, *Undergraduate Origins of Recent (1991–95) Science and Engineering Doctorate Recipients, Detailed Statistical Tables*, NSF 96-334 (Arlington, VA: 1996).

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